



CITY OF LONG BEACH CLASSIFICATION SPECIFICATION

TITLE: PETROLEUM ENGINEER

DEFINITION: Under supervision, performs the more difficult and complex engineering work pertaining to oil field development, oil and gas production operations or water injection operations and related projects.

EXAMPLES OF DUTIES:

- Directs, prepares and maintains structural contour, production, isocut, isobar, isogor and isopach maps, sections, charts and graphs;
- Directs and performs field work in connection with drilling and production operations;
- Develops and observes formation tests, coring, cementing, surveys, and remedial and production operations;
- Inspects field equipment;
- Reviews and analyzes electric logs;
- Directs and conducts special studies concerning reservoir performance, fluid injection projects, field equipment, drilling and production operations, oil and gas reserves, and water injection operations;
- Prepares reports regarding production engineering, reservoir engineering, operational problems and techniques, fluid injection, cost analysis, subsidence control, and other petroleum engineering projects;
- Assigns work to supervises subordinate personnel;
- Performs other related duties as required.

MINIMUM REQUIREMENTS:

Graduation from an accredited college or university with a degree in Petroleum Engineering, Geology or closely related field and four years of recent experience in petroleum engineering, petroleum geology and oil field operations. A Master's degree may be substituted for one year of experience. Transcripts of college or university work may be required.

A valid motor vehicle operator license.

Wilmington field experience is desirable.

HISTORY:

Revision of Classification Specification dated 04/01/65.

Approval/Adoption Dates: 05/04/82 - Human Resources Department